## ASTD/TDI Project Static Report

## Providing the Personal Ice Cooling System

Focus Area: Decontamination and Decommissioning Focus Area

Focus Area Manager: John Duda, (304) 285-4217

TTP No.: OH19DD62 Principal Investigator: Marty Prochaska, (513) 648-4089

**Lead Site:** Ohio - Fernald

Project No.: 99-ASTD-48 Technology Vendor(s)/Commercial Partner(s):

Tech ID/TMS No.: Delta Temax, Inc.

**Related Publication(s):** DOE/EM-0393

Web Page(s):

**Description:** A self-contained core body temperature control system that uses tap-water ice as a coolant and circulates coolant through tubing that

is incorporated into a durable and comfortable shirt or vest.

**Application:** To increase work productivity in a heat stress environment while maintaining core body temperature and pulse rate during work

activities.

**Location(s):** Fernald

**Technology(ies):** 

PICS Cool Suit

 Funding (\$K):
 FY-98
 FY-99
 FY-00
 FY-01
 Total

 TTP No.:
 OH19DD62
 \$0
 \$385
 \$114
 \$24
 \$523

Leverage Source: EM-40

Funding Total (\$K): \$1,023

\$500

Cost Savings (\$M): <u>Proposal</u> <u>Deployment Plan/TTP</u> <u>Current Focus Area Projection</u>

\$1,936 \$1,936 \$2,000

Wednesday, January 12, 2000